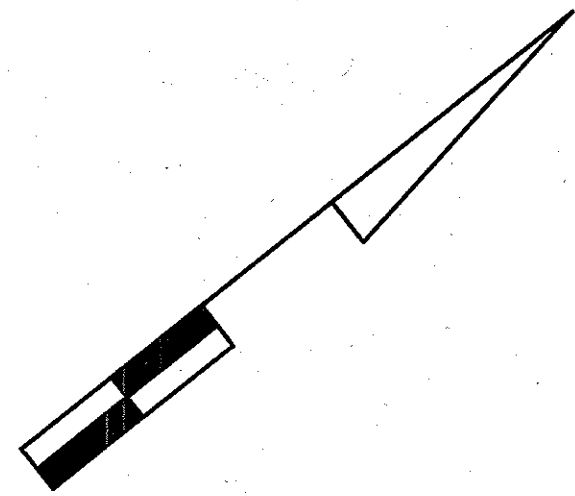


DRILL HOLES

DRILL HOLES

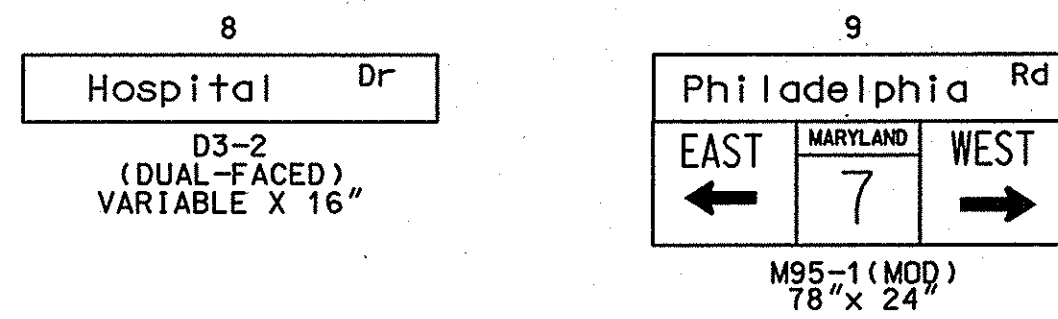
DRILL HOLES

SPRINGER REV. DATE: June 1, 2004

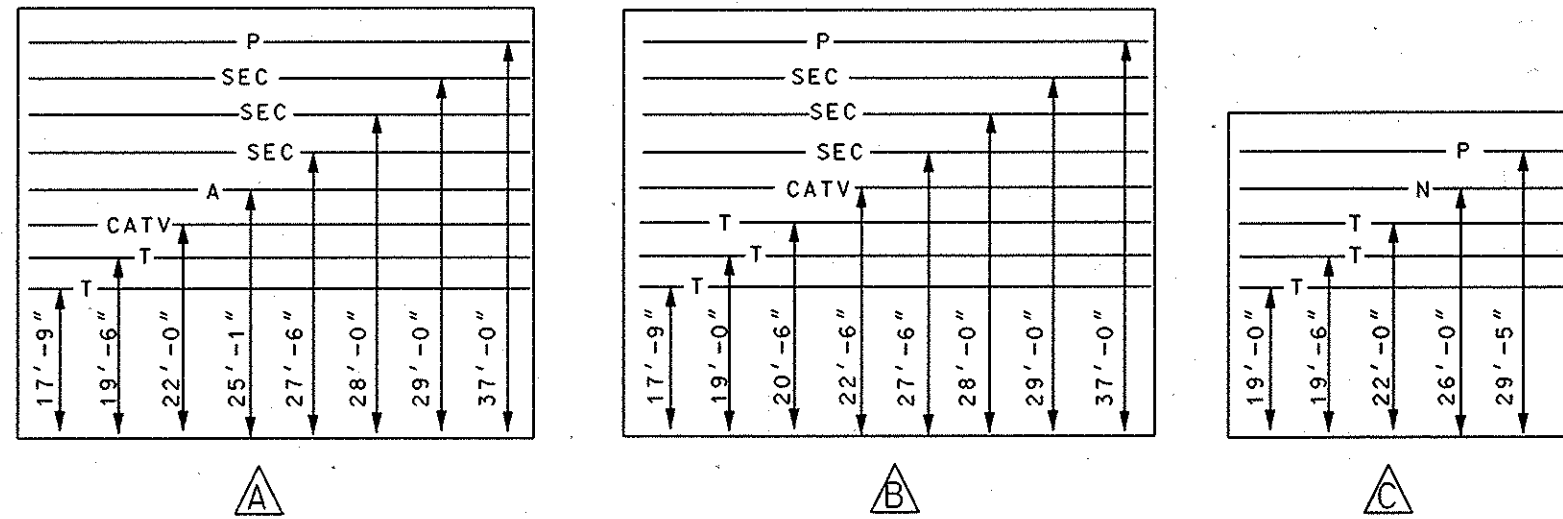


NOTE:  
MD 7 IS CONSIDERED TO RUN  
IN AN EAST - WEST DIRECTION

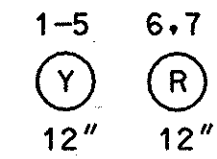
### PROPOSED SIGNS



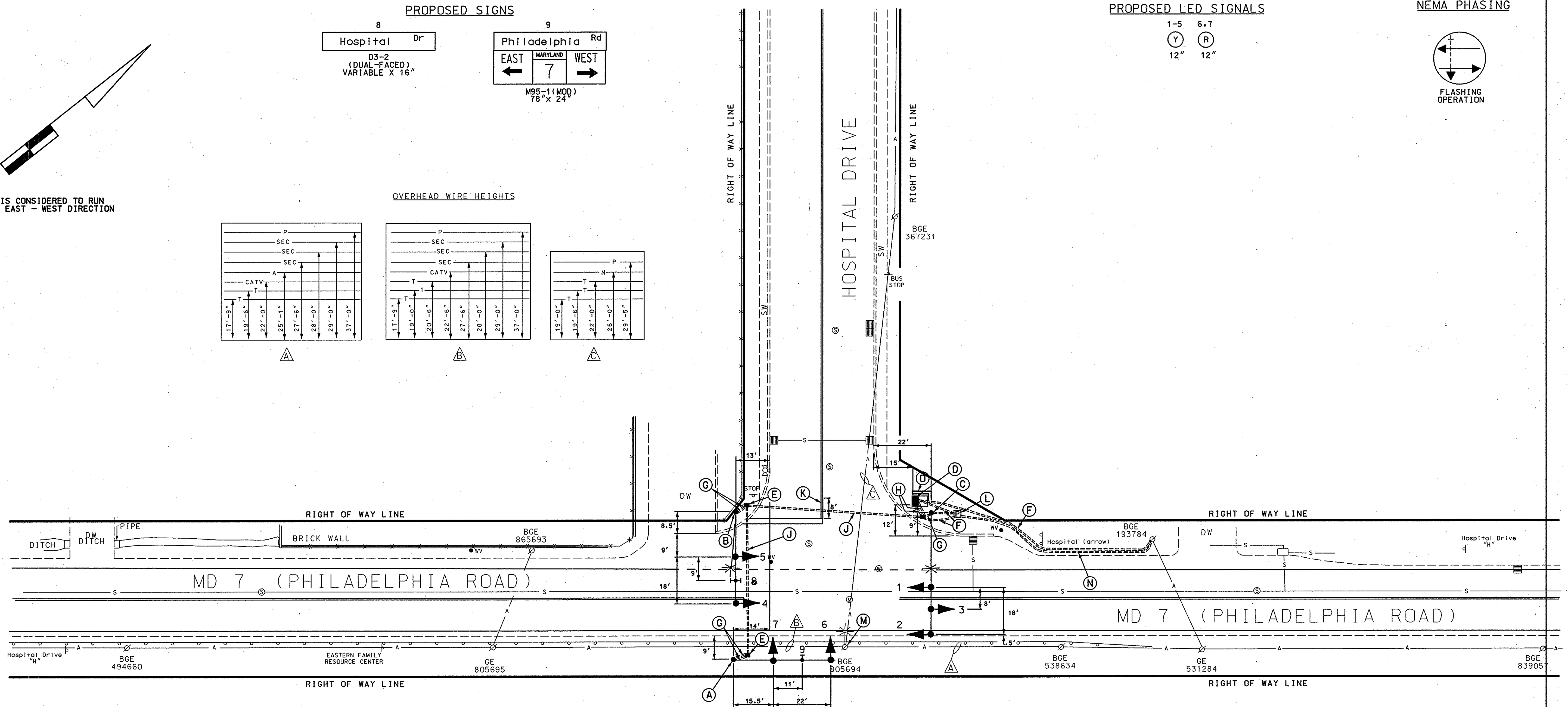
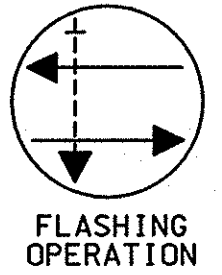
### OVERHEAD WIRE HEIGHTS



### PROPOSED LED SIGNALS



### NEMA PHASING



### CONSTRUCTION DETAILS

- Install 27' steel pole with 38' mast arm and traffic signal heads and signs as shown. (Note: 2-3" 90° polyvinyl chloride (Schedule 80) bend.)
- Install 27' steel pole with 38' (cut to 34') mast arm, traffic signal heads, sign and 20' lighting arm with 250 watt HPS luminaire as shown. (Note: 2-3" 90° polyvinyl chloride (Schedule 80) bend.)
- Install 27' steel pole with 50' (cut to 46') mast arm, traffic signal heads and 20' lighting arm with 250 watt HPS luminaire as shown. (Note: 2-3" 90° polyvinyl chloride (Schedule 80) bend.)  
Install 1" galvanized riser for phone drop.
- Install pole mounted NEMA size 5 cabinet and controller with all necessary equipment as shown.
- Install handhole.
- Install 2" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
- Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
- Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
- Install 4" polyvinyl chloride electrical conduit (Schedule 80) (bored).
- Install 8' of 5" double yellow permanent preformed thermoplastic pavement marking. (centerline)
- Install metered pedestal for electrical service as shown.
- BGE forces are to remove the existing lighting arm, luminaire and attached lighting equipment.
- Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched) for electrical service by BGE.
- Install retaining wall using 4"x6" wood post as shown.

### GENERAL NOTES:

- All underground utilities shown on these plans are schematic only and may not be complete. The contractor shall be responsible for notifying "MISS UTILITY" prior to construction so that all utilities may be located in the field. If the contractor perceives that a conflict between the utilities and the traffic signal will occur, the contractor shall notify the project engineer immediately so that the conflict may be resolved.
- All traffic signal foundations shall be installed at the final sidewalk or curb grade for closed sections, highest roadway profile grade for open sections, to meet clearances as specified in MD 818.01, MD 818.02, MD 818.03 & MD 818.04. The contractor shall verify ultimate grades prior to the installation of all signal equipment.
- All pavement markings detailed are proposed and are to be installed in accordance with SHA standards.

TOD NO: AT912-07  
SHA No.: BA633A54/C54  
MD 7 @ Hospital Drive



STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION

MD 7 (PHILADELPHIA ROAD)  
AND HOSPITAL DRIVE  
ROSSVILLE, MARYLAND

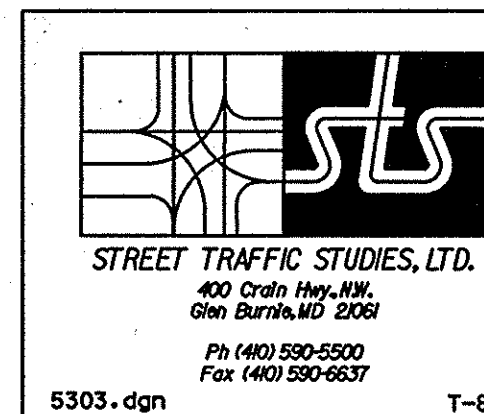
### TRAFFIC SIGNAL PLAN

SCALE 1"=20' DATE 2/22/07 CONTRACT NO. AT9125185

DESIGNED BY J.W.A. COUNTY BALTIMORE  
DRAWN BY R.C. LOGMILE 03007003.74  
CHECKED BY DIVISION CHIEF  
F.A.P. NO. TOD NO.

TS NO. 4560 DRAWING NO. 1 OF 2 SHEET NO. OF

GEOMETRIC LEGEND	
PROPOSED	---
EXISTING	---
LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES	
AERIAL CABLE	---
ELECTRIC	---
TELEPHONE	---
GAS	---
SEWER	---
WATER	---
CABLE TV	---



APPROVALS	REVISIONS
TEAM LEADER 3-1-07	
ASST. DIV. CHIEF 3/1/07	
DIVISION CHIEF 3/2	
OFFICE DIRECTOR	

PLOTTED: \$DATE\$  
FILE: \$FILE\$

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